

SOFTWARE MANAGEMENT FOR SOFTWARE DEFINED RADIO IN A DISTRIBUTED NETWORK

ABSTRACT

A method for installing software to software-defined radio equipment. The method includes the step of transferring software to one or more software-defined radio devices from a remotely located software server. The software server can be a computer operatively connected to the software-defined radio device via a communications network. The transferring step can occur while the software-defined radio device continues to perform software-defined radio functions. The software can be stored to a portion of a data store associated with the software-defined radio device which is not being used as a storage for currently running software. The software can be loaded on a restart of the software defined device. An error indication can be provided if a fault occurs in the transferring step or the loading step. The method also can include the step of reverting from the selected software to a previous software version upon a fault occurrence.